

VERSION DESCRIPTION DOCUMENT

I. Scope: The Version Description Document (VDD) contains information that aids the users in identifying the contents of the software release and instructions for installation. This VDD is applicable to internal and external customers of Defense Finance and Accounting Systems (DFAS) Technology Services Organization Pensacola (TSOPE), and the FASTDATA project in particular.

a. Identification: FASTDATA FA and Site for the Windows® operating system software Release 02-2, Version 02-2.

b. Purpose: To modify FA and Site software according to the System Change Requests (SCR's) summarized as follows:

SCR: X0142-00 Title: ALLOW AMENDMENT TO DD282 - PRINTING REQUEST

The source DD282 Printing Request was changed from non-amendable to amendable. All data on the DD282 may be amended. The amount of an amendment is displayed in the Estimated Cost and Funding Authorization Amount fields. When there are amendments, the cumulative document amount, document number and amendment number information is displayed in the Special Instructions/Remarks field. Amendment number is also displayed to the right of the DCN in the Requisition No. block of the form. The DD282 basic and/or amendments may be updated prior to export to the FA. After export, the Correction After Export process may be used to change the JON, Expense Element, OMB Object Class, Country Code, Receipt Partial/Final, Expenditure Partial/Final, OPTAR Log and Local Code. The source DD282 basic and amendments generally follow the same processing methodology as other amendable documents in FASTDATA.

SCR: X0205-00 Title: SUSPEND TRANSACTIONS AT SITE

Provides the capability to suspend a transaction at the Site and export to the Fund Administrator (FA) with other accounting transactions. The system requires a 'suspension reason' to be associated with the transaction as it processes to the FA. The FA controls user access to the Suspend Transactions window. Suspended transactions are visible on the Suspended Transaction Report until action is taken by the FA.

SCR: X0217-00 Title: LOCK INDIVIDUAL SITES

A new process at the FA provides the FA the capability to lock and unlock Sites. In Site User Maintenance, each Site user is given a Locked Site Access of Update, Display-Only or No Access. At least one Site user must have Update capability. The FA locks (or unlocks) selected Sites or all Sites and exports the locked status to the Site with other Site security features. When the Site is "locked" the Site software checks the user's access rights when the user logs in. The Site user's security access level to a locked Site is displayed on the User Security Report at the FA. The Site Report at the FA displays the locked status of the Site.

SCR: X0266-00 Title: ALLOW LABOR AND NON-LABOR IN AUTHORIZATION

The Labor Code of the Authorization was modified to accept "B" (both labor and non-labor dollars). An Authorization with Labor Code "B" or "N" (non-labor) may be cited in the Other Authorization of the JON. At the Site, if the Job Order cites an Authorization with a Labor Code "B" and Expense Element of the transaction is Labor (A, B, C, O, U and 1), a funds check is performed against Other authorization, unless the JON

also cites a Labor authorization. If the JON also cites a Labor Authorization and the Expense Element of the transaction is Labor, the funds check is performed against Labor authorization.

At the FA, the Status of Funds Report, Site Report, FA and Site Maintenance, and Matched JON Report were modified to recognize Labor code "B". At the Site, the Status of Funds Report, Financial Framework Report and Document Status Log by Authorization Report were modified to recognize Labor Code "B".

SCR: X0267-00 Title: EE/OMB OBJECT CLASS ON EXPENDITURES

The Expense Element (EE) and OMB Object Class (OOC) are imported into FASTDATA in the STARS Expenditure. When the EE and/or OOC of the expenditure does not agree with FASTDATA, an "R" document type (reversal) is created to change the FASTDATA document to agree with the STARS expenditure. The "R" (reversal) is not exported to STARS. The capability to suspend expenditures by EE and/or OOC is provided in two new suspension rules in the Expenditure Suspension process of the FA.

At the FA, EE and OOC were added to the Suspended Expenditure Report, Valid Expenditure Report, Purge Suspended Expenditure (Quick Print), and Expenditure Suspension Report - Expenditures Suspended (Quick Print). At the Site, EE and OOC were added to the Job Order Cost by Expense Element report and Suspended Expenditures Report. EE and OOC were also added to report criteria for the Job Order Cost by Expense Element report.

SCR: X0267-01 Title: PROCESS CR TRAN 610'S AS 'F' WHEN RECEIVED AS "P" FOR DMLSS

The Partial/Final Indicator of credit expenditures imported from all sources was being set to "F" (Final). The application was corrected to change the Partial/Final Indicator from "P" (Partial) to "F" only in DMLSS (BUMED) "B4" cost transfer expenditures. This corrects a problem with the document cost being set to the credit expenditure when a partial credit was received.

SCR: X0267-02 Title: MODIFY THE HELP FOR JOB ORDER COST BY EE REPORT

The Help documentation for the Job Order Cost by EE Report was enhanced to address filtering, criteria and creating a spreadsheet using the Save As feature.

SCR: X0289-00 Title: CREATE DOCUMENT IN FA FOR COST REDISTRIBUTION

The Cost Redistribution process in the FA was modified to create a new (540N) transaction when the expenditure is distributed to a document that does not exist in STARS. To accomplish this, Exists in STARS must be unchecked on the Cost Redistribution window at the FA. The new DCN, ACRN and JON are enterable on the Cost Redistribution selection screen. This feature is especially useful in distributing costs across Sites as with utility bills. The 540N must be exported to STARS prior to the cost redistribution.

SCR: X0297-00 Title: PROVIDE PROPER TRANSACTION AFTER ACCEPTANCE OF AMENDMENTS FOR NC2275

FASTDATA was modified to allow the acceptance of NC2275 amendments out of sequence much the same way as DD448 documents are processed. When an amendment is accepted before the basic or any preceding amendments, the basic or preceding amendments will be accepted automatically creating the resulting obligation(s). This corrects the problem of an amendment with a negative amount being processed first and rejecting in STARS.

SCR: X0304-00 Title: INCREASE NUMBER OF SUPPLEMENTAL DOCUMENTS

The database was not being updated properly when more than 99 SF1034's were issued against one document. FASTDATA was modified to allow more than 99 supplemental documents to be associated to a document. The system now allows up to 99,999 supplemental documents.

SCR: X0358-00 Title: OUTBOUND INTERFACE - PROJECT ORDER/WORK REQUEST

An outbound PO/WR interface to PWC type systems is provided at the Site for all DD448 and NC2275 source documents (basic and amendments). The interface utilizes an EDI 511 User Defined File (UDF) format and is engineered to meet the needs of FASTDATA customers who are utilizing automated systems for work control. Acceptance of the PO/WR is addressed in SCR X0360.

SCR: X0358-01 Title: OUTBOUND INTERFACE - PROJECT ORDER/WORK REQUEST

This SCR amendment further defines restrictions on documents that are candidates for export via the outbound PO/WR interface.

SCR: X0360-00 Title: INBOUND INTERFACE - PROJECT ORDER/WORK REQUEST ACCEPTANCE

An inbound acceptance interface from PWC type systems is provided at the Site for all NC2275, DD448, DD1556 and NC2276 source documents (basic and amendments). The interface utilizes an EDI 821 UDF format. Export of the DD448 and NC2275 were addressed in SCR X0358. Export of NC2276 to SPS is already in place. A new report entitled Acceptance Interface Report displays imported records.

SCR: X0361-00 Title: WEB PORTAL INTERFACE - IMPORT DATA INTO FASTDATA FROM IBSS

The FASTDATA Web Portal is being implemented in phases and will encompass a series of Import/Export facilities out of or into the Site. The Web Portal concept applies only to those users implementing FASTDATA utilizing an Oracle database. Phase I (this SCR) provides an import of Memorandum documents with a corresponding export of document numbers assigned for those documents. The Memo interface uses a variation of the EDI 511 UDF format. FASTDATA performs a Funds Availability Check, validates the Job Order Number exists, and that the Close Material Date/Close Labor Date have not lapsed. If the Memorandum transaction is rejected, a reason for rejection is transmitted to the originating source of the document. If the Memorandum passes validation, FASTDATA creates a document number for the document, creates a commitment for further transmission to the FA, and forwards the Document Number to the originating source. Imported Memorandum transactions that contain a full Document Number will be processed in FASTDATA as a correction and the appropriate adjusting transaction will be created.

SCR: X0361-01 Title: IMPLEMENT IMPROVED SCHEDULER

The system was modified to enable operating system calls directly from the Oracle database. The following user defined schedules utilize this system change: Send authorized amounts to DMLSS, Receive encumbered amounts from DMLSS, Process transactions from external system(s). This change supports Microsoft and UNIX-based operating systems.

SCR: X0434-00 Title: AUTOMATE INBOUND INTERFACE

The inbound interfaces for "B1" accounting transactions, expenditures and Military Purchase Card (MPC) transactions have been enhanced for Oracle users. The automated process updates FASTDATA tables directly as opposed to placing them in suspense where manual intervention was required to post transactions. This change enhances the ability to perform reconciliations between interfacing systems and FASTDATA. Appropriate reports are created by the Oracle database.

SCR: X0435-00 Title: AUTOMATE FTP TO/FROM STARS

The automated FTP process of transmissions to and from STARS/FL was enhanced to allow the user to set a schedule for the following processes: Receive expenditures from the official accounting system, Send an accounting batch to the official accounting system, and Send cost redistributions to the official accounting system. The FTP process provides the ability to activate/deactivate these schedules independently. Based on the schedule and parameters provided, the required information is sent to the proper destination. Reports normally created via the manual process are created. A copy of the information sent or received, and results of transferring the files based upon the schedule are retained. The automated FTP process supports both Windows and UNIX-based servers.

SCR: X0435-01 Title: ADD AUTOMATED RECONCILIATION PROCESS

An automated reconciliation process is provided for Oracle users to reconcile document balances and cost transfer balances between FASTDATA, STARS/FL and DMLSS (BUMED). The process is scheduled through the Automated Process or as required by the user. Reconciliation is based on a file created in STARS/FL Query Management Facility (QMF), a file representing the Liquidated Document Status Log (LDSL) created in FASTDATA, and a file created in DMLSS.

Two reports are produced as a result of the reconciliation. The Reconciliation Summary Report summarizes the account balances (commitments, obligations, accounts payables/receipts, expenditures and a grand total) of FASTDATA, STARS/FL and DMLSS; provides a comparison of the account balances of the three systems; and displays variances. Variances compare STARS/FL to FASTDATA, FASTDATA to DMLSS, and STARS/FL to DMLSS. The Report of Reconciliation Errors provides discrepancies found in the reconciliation process at the document level. All discrepancies found in any of the three systems will be displayed.

FASTDATA and STARS/FL Reconciliation. The Reconciliation validates that each Document Number/ACRN combination matches and records errors for mismatches. It further validates that each Document Number/ACRN combination matches on Document Number, ACRN, JON, Expense Element, OMB Object Class, Commitment Amount, Obligation Amount, Accounts Payable Amount, Expenditure Amount, and Total Amount, and records the appropriate error. The Reconciliation further validates the DMLSS

Document Number, ACRN, JON, Expense Element, OMB Object Class, Total Price, DFAS Transaction Date, and Source of Supply (SOS) Code. Validation for each Document Number/ACRN, Document Number/JON, or Document Number will be complete. All discrepancies for validations within any of the three systems will be identified.

DMLSS Reconciliation. Validations of Document Number/ACRN or Document Number combination matches between FASTDATA, STARS/FL and DMLSS are determined by the SOS Code in the DMLSS record. Missing combinations result in a recorded error. A DMLSS record with SOS Code of CAI, PDC or LOG must match FASTDATA on Document Number. The Expense Element and OMB Object Class must match. The sum of Actual Cost of all records with the same Document Number within FASTDATA must equal zero; the FASTDATA "negative" Document Number is exactly "-1x" the amount of the DMLSS Document Number; the FASTDATA "positive" Document Number is exactly the same amount as the DMLSS Document Number total. If validations fail, an error is recorded.

A DMLSS record with SOS Code other than CAI, PDC or LOG must match FASTDATA and STARS/FL on Document Number/ACRN. The Expense Element and OMB Object Class must match. The sum of FASTDATA Actual Cost, STARS/FL Total Amount, and DMLSS Total Price must match for all records with the same Document Number. If the FASTDATA Disbursed Amount is not zero, validates that the sum of STARS/FL Accounts Payable Amount and STARS/FL Expended Amount is zero. If this amount is not zero, validates that the DMLSS Total Price matches the sum of the STARS/FL Accounts Payable Amount and the STARS/FL Expended Amount. If validations fail, an error is recorded.

SCR: X0435-02 Title: IMPLEMENT A COMMITMENT AMOUNT FIELD

FASTDATA was modified to display the Commitment Amount and Obligation Amount in separate columns on the Document Status Log (DSL) at the Site, as determined by Transaction Type. Commitment transactions are identified as Transaction Type "CM", and obligation transactions are identified as Transaction Type "AO", "AR" and "AD".

Separating commitment and obligation amounts will enable and is critical to the reconciliation of FASTDATA and STARS for Oracle users. For Oracle users at a Site, a new report entitled "Liquidated Document Status Log" (LDSL) was created having the same sort options and report criteria as the DSL. The report will display, by DCN/ACRN, the Commitment, Obligation, Receipt and Expenditure Amounts and the effect of the liquidation process on commitments, obligations and receipts as calculated by subsequent detail transactions. The report appears on the Site Reports Menu.

For Oracle users at the FA, a new report entitled "Liquidated Document Status Log" (LDSL) was created having the same sort options and report criteria as the DSL with the addition of Site as criteria. The report will display, by DCN/ACRN, the Commitment, Obligation, Receipt and Expenditure Amounts and the effect of the liquidation process on commitments, obligations and receipts as calculated by subsequent detail transactions. The report appears on the FA Reports Menu.

For Oracle users at the FA, a new report entitled "Transaction History" was created having the same sort options and report criteria as the existing Site Transaction History with the addition of Site as criteria.

The report will provide a complete history of all transactions for each specific DCN/ACRN.

The liquidation methodology used for the LDSL reports is described in detail in the Help documentation. The DSL and LDSL provide a means of comparing Actual Cost as computed by FASTDATA processes and Actual Cost as determined by the liquidation methodology, which reflects the STARS calculations. The Transaction History Report provides the FA a means of verifying liquidations.

SCR: X0441-00 Title: JON ROLLOVER PROBLEM - MIC & SEGMENT FIELDS

The Segment and MIC fields in BUMED job orders did not export properly, nor were these new data elements promoted into the FY02 Outyear. The application will correctly handle these fields in FY03.

SCR: X0442-00 Title: APPLY STARS JOB ORDER EDITS TO FASTDATA JON'S

STARS/FL allows Cost Center and Sub-Cost Center to be changed after the job order is established and cost are incurred. FASTDATA was modified to allow these fields to be updated at any time.

SCR: X0459-00 Title: PERFORMANCE AND QUALITY ISSUES RELEASE 02-2

- The dropdown for the OPTAR listing on the New Job Order Number window presents the data in an unsorted order. The list was modified to present the data in OPTAR order.
- P0335 - The software was taking an extended period of time to display a list of documents in the Select Contract - New window. The application was corrected to eliminate the problem.
- The Update process was corrected to not reset the current user's password improperly.
- The Credit Card Cross-Reference window was corrected to display the full document number.
- The application was corrected to check for System DSN if User DSN is not found.
- The behavior of the "X" on the Accept window was corrected to match the same behavior of the Cancel button.
- P0343 - The obligation (AO) created for an SF30 amendment against a NC2276 was calculated incorrectly. The SF30 validation was modified to use the difference in contract amount vs. document cost.
- P0326 - The Site Purge process was corrected to eliminate an Oracle database error.
- P0347 - DMLSS 3.0 (BUMED) sites no longer use a summary approach for LogFund Authorizations. This requires FASTDATA to send the current target for the 60LF01 authorization to DMLSS. The authorization export to DMLSS was corrected to not create a LG record if Project Center is present for 60LF01.
- P0321 - Travel documents imported from ATOS displayed the Original Obligation Amount as zero on the Expenditures Exceeding Variance report. The report was corrected to properly display NAVPERS 1320/16 dollar amounts.
- The Build Financial Framework and Rebuild Accounting Batch processes were corrected to not mark unexported transactions as exported.
- Changes were made to the refresh of Print Preview to group documents correctly.

Release 02-2 is a maintenance release for the FA and Site containing the SCR's listed above. It is provided as a full INSTALL release for new users and for those who have already downloaded Release 02-1.

If this is your initial installation of Windows® FASTDATA, begin with Release 02-2, which is a full INSTALL release. Please refer to the **new** FASTDATA Web site at <http://dbweb.secnav.navy.mil/fastdata> to download a full description of all FD releases. FASTDATA for the Windows® operating system runs in a Client-Server environment. The system uses a database engine and is fully ODBC-compliant. The software can be run in a PC stand-alone environment or any number of LAN configurations.

II. References: FASTDATA Software Configuration Management Plan and Release Management procedures.

III. Version Description:

- a. Inventory of Materials Released: FASTDATA FA and Site software is available at the FASTDATA Internet Web site as a single self-extracting executable file that can be written to CD ROM or a hard drive.
- b. Inventory of Software/Firmware Released: See SCR Detail by Release Report File from CMIS for a list of programs. The SCR Detail by Release Report File from CMIS is provided at our Internet Web site.
- c. Enhancements to Functionality: See SCR Detail by Release Report File for enhancements to functionality at our Internet Web site. A description of each SCR included in the release is available in the Release Notes option of the Help Menu.
- d. Maintenance to Product: Programs were modified in PowerBuilder, created in PVCS build dated 29AUG02, unit tested, and the System Integration Test (SIT) was completed.
- e. Adaptation Data: No change.
- f. Interface Compatibility: The FASTDATA (GUI/Windows) supports the transfer of files on hard disk and over a network, facilitating the interface between FA and Site.
- g. Documentation: Revised documentation is available at our Internet Web site.
- h. Computer Based Training: CBT is available to guide the user through the FASTDATA FA module. CBT files and installation instructions may be downloaded from our Internet Web site. Please note that CBT training material is not current at this time. Future enhancements to CBT software are pending.
- i. Database Changes: The Database Changes for Release 02-2 are available at our Internet Web site.

IV. Installation Instructions:

- a. Database Version: Release 02-2 will only operate on an Oracle 8.1.6 or higher database. The release will continue to support the stand-alone Sybase format, but will no longer support Oracle 8.1.5.
- b. Installation overview: The following are new installation instructions for Release 02-2, Version 02-2, and a full INSTALL release of the FASTDATA software.
 1. The FA FASTDATA software is installed to the fd-gui directory and therefore has no impact to the Site module. The Site FASTDATA software is installed to the fd-site directory and likewise has no impact to the FA module.
 2. There are two sets of installation instructions: one for a standalone configuration and one for server configuration. If your activity is using a server configuration, you will not install Release 02-2 on your

computer. A network or local area network (LAN) administrator will perform a server installation.

c. Complete installation instructions are available in Chapter 2 and Appendix F of the FASTDATA Fund Administrator User's Manual, and Chapter 2 and Appendix E of the Site User's Manual. The User Manuals are available at the FASTDATA Web site or on the DFAS FTP server.

V. Uninstall Instructions:

a. Uninstall overview: The uninstall feature is no longer available. If you want to remove the Windows® FASTDATA FA or Site from your system, simply delete FASTDATA files from affected directories and paths.

VI. Conversion: Refer to the FA and Site User Manual, Chapter 2 for information on converting your current DOS data.

VII. Completion of Testing:

- a. Unit Testing completed by JR Bont, 29 AUG 2002.
- b. SIT testing completed by Anthony Coker 30 AUG 2002.

VIII. Possible Problems, Known Anomalies, and Work-around:

a. DFAS Security Standards require the following password security enhancements to the FASTDATA software. SCR X0196 (Release 01-2) required that all FA and SITE user passwords be changed with this release. User passwords must conform to the DFAS standard length and Oracle limitations. User passwords will expire every 90 days. The Change Password processes for the FA and Site will provide a selection window of a number of questions. The user must select one question from the list and provide a response. This selected question and response will be stored with the database user-id.

IX. Notes: Authority given by Gary Naumann, Program Manager at ASN (FM&C), by verbal approval on 30 AUG 2002, to implement this release.

X. Appendices: None.

XI. Signed-off: All products represented in the VDD have successfully completed testing and are ready for delivery to customers.

Name	Title	Date
Jack Barton	FA/Site Team Leader	30 AUG 2002
Anthony Coker	SIT Coordinator	30 AUG 2002
JR Bont	Development Team Leader	30 AUG 2002
Martha Trawick	Project Officer	30 AUG 2002
Gary Naumann	Program Manager	30 AUG 2002